VERSION DESCRIPTION DOCUMENT FOR THE NASA PROPERTY DISPOSAL MANAGEMENT SYSTEM (NPDMS)

Release 1.5

NASA-NPDMS-VDD-13

PrISMS Contract

July 1997



National Aeronautics and Space Administration

George C. Marshall Space Flight Center Huntsville, AL 35812

VERSION DESCRIPTION DOCUMENT FOR THE NASA PROPERTY DISPOSAL MANAGEMENT SYSTEM (NPDMS) RELEASE 1.5

	Submitted	by	
-	Jim Crowell Functional Area Lead	Date	
	Reviewed	by	
	CSC		
Hector Garcia Agencywide IRM	Date	Jim Cofer Configuration Management	Date
Richard Bishop	Date		

Prepared by

Computer Sciences Corporation, Contract NAS8-60000

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION GEORGE C. MARSHALL SPACE FLIGHT CENTER HUNTSVILLE, ALABAMA

July 1997

VERSION DESCRIPTION DOCUMENT FOR THE NASA PROPERTY DISPOSAL MANAGEMENT SYSTEM (NPDMS) RELEASE 1.5

Approved by

Sheila Fogle Consolidation Center Project Manager Date

Nikita Zurkin Date Program Functional Manager

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION GEORGE C. MARSHALL SPACE FLIGHT CENTER HUNTSVILLE, ALABAMA

July 1997

TABLE OF CONTENTS

Section	Page
1. INTRODUCTION	1 - 1
1.1 IDENTIFICATION OF THE RELEASE	1 - 1
1.2 PURPOSE OF THE RELEASE	1 - 1
1.3 SCOPE	1 - 2
1.4 CONTACT POINTS	1 - 3
2. FUNCTIONAL INFORMATION	2 - 1
2.1 FUNCTIONAL CHANGES	2 - 1
2.2 FUNCTIONAL INTERFACES	2 - 1
2.3 CRITICAL ISSUES	2 - 1
2.4 AFFECTED DOCUMENTS	2 - 1
2.5 APPLICATION SYSTEM ADMINISTRATION	2 - 1
3. TECHNICAL INFORMATION	3 - 1
3.1 TECHNICAL SYSTEM INTERFACES	3 - 1
3.2 DATA DICTIONARY CHANGES	3 - 1
3.3 SOFTWARE OBJECT CHANGES	3 - 1
3.4 DATABASE ADMINISTRATION	3 - 1
3.4.1 RELEASE DATASET NAMES	3 - 1
3.4.2 INVENTORY OF OBJECTS	3 - 1
3.4.3 STORAGE CONSIDERATIONS	3 - 1
3.4.4 INSTALLATION PROCEDURES	3 - 1
3.5 OPERATIONAL PREPARATION	3 - 1
4. KNOWN AND OPEN PROBLEMS	4 - 1

TABLE OF CONTENTS

Sec	ction	Page
	APPENDICES	
Аp	pendix	Page
Α	ABBREVIATIONS AND ACRONYMS	A - 1
В	GLOSSARY	B - 1
С	FUNCTIONAL CHANGE VALIDATION PROCEDURES	C - 1
D	INSTALLATION INSTRUCTIONS	D - 1

1. INTRODUCTION

This Version Description Document (VDD) describes the changes and installation procedures for this release of the NASA Property Disposal Management System (NPDMS). This section identifies the release, describes its purpose, defines its scope, and identifies its contact points.

1.1 IDENTIFICATION OF THE RELEASE

This software release is identified as NPDMS, Release 1.5 and has an effective release date of July 1997.

1.2 PURPOSE OF THE RELEASE

This release implements modifications for the following Change Control Requests (CCRs):

CCR	<u>Title</u>
105	Foreign Donation Process
117	Browse Capability for all Tables
118	Custodian Account Number (Required Field)
156	Modify Approved By on Transfer, Trans D
160	Utilized By Generating NASA Center (T05)
222	Sales Prep Report
223	Sales Listing Report
243	Reduce GSA Rejected Cases
253	NPDMS does not correctly report property location to GSA
256	Retention of Initiator Info during Continuous Add
286	Create a Status Report for Cases Undergoing Donation
	Screening
289	Equipment Available for Other Federal Screening Rpt
292	Catalog for Stevenson-Wydler Screeners Rpt
294/295	Status Rpt Cases Undergoing Federal Screening
	Status Rpt Cases Undergoing NASA-Wide Screening
299	Sales Prep
304	Error on Initiators Organization Code
326	Overage and Underage NEMS Inventory adjustments
	process assumed you could not have an overage and
	underage at the same time in an inventory adjustment.
328	Inefficient Natural Syntax using Find Descriptor Where
	Descriptor. This logic may cause the program to retrieve
	records outside the second Descriptor range.

Create a browse program to allow the user to request Case number information by inputting an ECN or DCN, in the ND-CASE file and ND-CASE-HIST.

This release implements modifications necessitated by the following Discrepancy Reports (DRs):

<u>CCR</u>	<u>Title</u>
252 (partial)	Add two fields to GSA transfer process, GSA edits
323	Performance measure report capturing wrong Trans ID on Transaction file
325	Sales listing report is reporting garbage records at the end of the report section. The totals are correct, just listing last record in the buffer at the end of file.
332	Entering a T04 Transaction the date field is giving an invalid date comparison.
333	NDR002PA - Pending GSA Acknowledgment Report does not report by subinstallation per request of user.

1.3 SCOPE

This VDD provides the functional and technical user of NPDMS with information regarding the contents, status, and structure of Release 1.5, including the following:

- Changes implemented since Release 1.4.1.
- Validation procedures to ensure the reliability of release changes.
- References to other documentation affected by this release.
- Detailed software installation instructions.

No waivers are associated with this release.

1.4 CONTACT POINTS

Sustaining Engineering for NPDMS is provided through the Consolidation Center (CC) located at Marshall Space Flight Center (MSFC). Questions regarding the function and/or the technical aspects as well as the installation of this release should be directed to:

The NACC Technical Services Center (Use following Key Words: SESAAS & NPDMS)

Telephone: (205) 544-6673

Email: jim.crowell@msfc.nasa.gov

FAX: (205) 544-1836

2. FUNCTIONAL INFORMATION

This section includes details regarding functional changes, functional interfaces, critical issues, affected documents, and application system administration.

2.1 FUNCTIONAL CHANGES

Please refer to Appendix C, Functional Change Validation Procedures, for a description of all functional changes related to this release. Appendix D, Installation Instructions, describes all Software PREDICT and SYSERR changes related to this release.

2.2 FUNCTIONAL INTERFACES

This release has no functional impact on interfaces with NASA application.

2.3 CRITICAL ISSUES

This section is not applicable for this release.

2.4 AFFECTED DOCUMENTS

No documents are affected by this release.

2.5 APPLICATION SYSTEM ADMINISTRATION

There are no application system administration changes associated with this release.

3. TECHNICAL INFORMATION

This section includes details regarding technical system interfaces, data dictionary changes, software object changes, and database administration activities.

3.1 TECHNICAL SYSTEM INTERFACES

There are no technical systems interface issues with this release.

3.2 DATA DICTIONARY CHANGES

There are no data dictionary changes in this release.

3.3 SOFTWARE OBJECT CHANGES

Modules affected by this release are included in Appendix D, Section 2.2.

3.4 DATABASE ADMINISTRATION

This section describes the database administration activities for installation of this release.

3.4.1 Release Dataset Names

Refer to Appendix D, Introduction section, for the release dataset names.

3.4.2 <u>Inventory of Objects</u>

Refer to Appendix D, Paragraph 2.1, for an inventory of Natural object types.

3.4.3 **Storage Considerations**

The changes represented by this release should not affect storage requirements.

3.4.4 Installation Procedures

Refer to Appendix D, Installation Instructions for NPDMS Software Release 1.5 for detailed software installation procedures.

3.5 OPERATIONAL PREPARATION

Refer to the procedure described in Appendix D for assistance in preparing for proper installation and operational use of this release.

4. KNOWN AND OPEN PROBLEMS

The are no known or open problems related to this release.

Appendix A - ABBREVIATIONS AND ACRONYMS

CC Consolidation Center

CCR Change Control Request

CSC Computer Sciences Corporation

DBA Database Administrator

DR Discrepancy Report

FAX Electronic Facsimile Transmission

IRM Information Resources Management

JCL Job Control Language

MSFC Marshall Space Flight Center

NACC NASA Automated Data Processing (ADP) Consolidation Center

NASA National Aeronautics and Space Administration

NEMS NASA Equipment Management System

NPDMS NASA Property Disposal Management System

SESAAS Sustaining Engineering Support for Agency wide Administrative Systems

VDD Version Description Document

Appendix B - GLOSSARY

Database Administration

Responsibility for maintaining the physical database environment.

Implementation

The process by which a NASA site installs a NASA software release and places it into operational use.

Operational Preparation

Preparation by a NASA site for installation and use of a NASA application release.

System Administration

Responsibility for administrative functions such as application security and table data maintenance associated with a NASA application.

<u>Appendix C - FUNCTIONAL CHANGE VALIDATION PROCEDURES</u>

Index of validation procedures for changes in this release.

Section	CCR	Title
1.	105	Foreign Donation Process
2.	117	Browse Capability for all Tables
3.	118	Custodian Account Number (Required Field)
4.	156	Modify Approved By on Transfer, Trans D
5.	160	Utilized By Generating NASA Center (T05)
6.	222	Sales Prep Report
7.	223	Sales Listing Report
8.	243	Reduce GSA Rejected Cases
9.	252 (partial)	Add two fields to GSA transfer process, GSA edits
10.	253	NPDMS does not correctly report property location to GSA
11.	256	Retention of Initiator Info during Continuous Add
12.	286	Create a Status Report for Cases Undergoing Donation Screening
13.	289	Equipment Available for Other Federal Screening Rpt
14.	292	Catalog for Stevenson-Wydler Screeners Rpt
15.	294/295	Status Rpt Cases Undergoing Federal Screening Status Rpt Cases Undergoing NASA-Wide Screening
16.	299	Sales Prep
17.	304	Error on Initiator's Organization Code
18.	323	Performance measure report capturing wrong Trans ID on Transaction file
19.	325	Sales listing report is reporting garbage records at the end of the report section. The totals are correct, just
20.	326	listing last record in the buffer at the end of file. Overage and Underage NEMS Inventory adjustments process assumed you could not have an overage and underage at the same time in an inventory adjustment.
21.	328	Inefficient Natural Syntax using Find Descriptor Where Descriptor. This logic may cause the program to retrieve records outside the second Descriptor
22.	329	range. Create a browse program to allow the user to request Case number information by inputting an ECN or DCN, in the ND-CASE file and ND-CASE-HISTORY file.
23.	332	Entering a T04 transaction the date field is giving an invalid date comparison.
24.	333	NDR002PA - Pending GSA Acknowledgment Report does not report by subinstallation per request of user.

Details for the validation procedures follow:

1.0 CCR 105 (Foreign Donation Process)

The Foreign Donation process should have a screen to include a Country field.

Description of Change

The Country and Province fields were made available on all Donation screens. The Country and Province fields were added to all Transfer screens.

Functional Impact

There is no functional impact as a result of this CCR.

- Validate that the Country and Province fields are available for input on all Donation screens.
- Validate that the Country and Province fields are now on all Transfer screens and are available for input.

MODULE ID ND5105MA	MODULE NAME	<u>TYPE</u> Map	CCR# 105
ND5105PA	Utilized by Generating NASA Center	Program	105
ND5106PA	Utilized by Other NASA Center	Program	105
ND5107PA	Transfers for use of Other Federal Agency with Prior GSA Approval	Program	105
ND5108PA	Transfer for use of Other Federal Agency without Prior GSA Approval	Program	105
ND5109PA	Transfer to DRMO for Further Disposal Processing	Program	105
ND5111PA	Donation to Public Bodies Program Without Prior GSA Approval	Program	105
ND5112PA	Transfer to GSA for Further Disposal Processing	Program	105
ND5113PA	Donation Approved by GSA	Program	105
ND5116PA	Transfer to Other Without Prior GSA Approval	Program	105
ND5119PA	Exchange/Sale of Property Program	Program	105
ND5120PA	Donation Approved by GSA	Program	105

2.0 CCR 117 (Browse Capability for all Tables)

NPDMS does not currently provide the capability to "Browse" Table information with the Table process. The user must exit the Table process and enter Super Natural to perform this function.

Description of Change

The Browse action was added to the Table Menu functions. The users will now be able to enter a 'B' and the table number from the Table Menu to view information about the table.

Functional Impact

There is no functional impact as a result of this CCR.

- Validate that each Table Number (on the Table Menu) is accessible through the Browse action from the Table Menu.
- Validate that each Table Number (on the Table Menu) is accessible via NAVIGATION. Enter BRO TB 999 (999 = table number).

MODULE ID	MODULE NAME	<u>TYPE</u>	CCR#
NDN000XA	NPDMS Command Processor	Processor	117
ND3000MA	Table File Update Menu Map	Мар	117
ND3000PA	NPDMS Table File Selection	Program	117
ND3000TA	Help Map	Мар	117
ND3001MB	1 or 2 line Browse Map	Мар	117
ND3001PB	User Access Table Browse	Program	117
ND3005MB	1 line with Display Browse Map	Program	117
ND3005MC	Display GSA Region Table	Мар	117
ND3005PB	GSA Region Table Browse	Program	117
ND3010MB	Display DRMO DODAAC Table	Мар	117
ND3010PB	DRMO DODAAC Table Browse	Program	117
ND3015PB	Exception Processing Table	Program	117
ND3020MB	Display Federal Supply Classification (FSC) Code Table	Мар	117
ND3020PB	Federal Supply Classification (FSC) Code Table Browse	Program	117
ND3025PB	Unit of Measure Table Browse	Program	117

MODULE ID ND3030MB	MODULE NAME Display Supply Condition Code Table	<u>TYPE</u> Map	CCR# 117
ND3030MB	Supply Condition Code Table Supply Condition Code Table Browse	Program	117
ND3035MB	Display Disposal Condition Code Table	Map	117
ND3035PB	Disposal Condition Code Table Browse	Program	117
ND3040PB	Performance Measures Standard Table	Program	117
11200 101 2	Browse	riogram	
ND3045MB	Display Demilitarization Code Table	Мар	117
ND3045PB	Demilitarization Code Table Browse	Program	117
ND3050MC	Display Center Profile Table 1	Мар	117
ND3050MD	Display Center Profile Table 2	Мар	117
ND3050PB	Center Profile Table Browse	Program	117
ND3051MB	Display Reporting Agency Table	Мар	117
ND3051PB	Reporting Agency Table Browse	Program	117
ND3055MC	Display Report/Maintenance Selection Table	Мар	117
ND3055MD	1 line with Display Browse Map	Мар	117
ND3055PB	Report/Maintenance Selection Table Browse	Program	117
ND3060PB	Shelf Life Type I Table Browse	Program	117
ND3062PB	Shelf Life Type II Table Browse	Program	117
ND3065MB	Display Hazardous Materials Code Table	Мар	117
ND3065PB	Hazardous Materials Code Table Browse	Program	117
ND3070PB	Controlled Inventory Item Code Table Browse	Program	117
ND3075PB	ADPE Identification Code Table Browse	Program	117
ND3080PB	Precious Metals Code Table Browse	Program	117
ND3085PB	Material Management Aggregation Code Table Browse	Program	117
ND3090MB	Display DRMO Disposal Authority Code Table	Мар	117
ND3090PB	DRMO Disposal Authority Code Table Browse	Program	117
ND3095MB	Display DRMO Additional Data Code Table	Мар	117
ND3095PB	DRMO Additional Data Code Table Browse	Program	117
ND3105PB	Installation Code Table Browse	Program	117
ND3145PB	Printer Destination Table Browse	Program	117
ND3155PB	Screening Days Table Browse	Program	117
ND3160PB	Reimbursement Codes Table Browse	Program	117
ND3165MB	Display Hazardous Materials Indicators	Мар	117
	Codes Table		
ND3165PB	Hazardous Materials Indicator Codes Table	Program	117
	Browse		

3.0 CCR 118 (Custodian Account Number (Required Field))

When processing a T05 (Utilization by generating Center) or a T06 (Transfer to Another NASA Center), a pop-up window appears asking for additional information, e.g., Installation No., Org code, Bldg., Cust Acct No., etc. Bldg. and Installation No. are the only fields which appear with asterisks indicating that they are mandatory. If the T05 or T06 is being processed against a NEMS-Controlled item, the Cust Acct No field was not displayed as mandatory. Asterisks only appear if the ENTER key is pressed without entering the information.

Description of Change

Asterisks will appear in the Cust Acct No. field for a T05 transaction in the popup window if the item is a NEMS-Controlled. The T06 pop-up window did not contain the Cust Acct No. field.

Functional Impact

There is no functional impact as a result of this CCR.

Validation Procedures

 Process a T05 transaction for a Controlled and Non-Controlled item. The Controlled (NEMS) item should contain the asterisks in the Cust Acct No. field and the Non-Controlled item should not contain asterisks in the Cust Acct No. field.

MODULE ID MODULE NAME

ND5105PA Utilized by Generating NASA Center Program 118

4.0 CCR 156 (Modify "Approved By" field on Transfer, TRAN D.)

When processing more than one freeze transaction, user can fill in "Next Prop Case No., Next Item ID, and Retain" fields but the system does not retain the approved by information nor will it allow the user to type data on the new screen.

Description of Change

If the Next Prop Case No., Next Item ID, and Retain ('Y') fields are filled in then the approved by information (Requestor Name, Phone, Agency Name, Address, City, State, Zip, Province, Country, and Approved By fields) will be retained and the user can enter data on the new screen. This change was made for all Transfer and Donation transactions.

Functional Impact

There is no functional impact as a result of this CCR.

- Process all Transfer and Donation transactions and enter Next Prop Case No., Next Item ID, and Retain ('Y'). The "Approved By" information will be retained on the new screen.
- Process all Transfer and Donation transactions and do not enter Next Prop Case No., Next Item ID, and Retain. The "Approved By" information will not be retained on the new screen.

MODULE ID	MODULE NAME	TYPE	CCR#
ND5105PA	Utilized by Generating NASA Center	Program	156
ND5106PA	Utilized by Other NASA Center	Program	156
ND5107PA	Transfers for use of Other Program Federal Agency with Prior GSA Approval	Program	156
ND5108PA	Transfer for use of Other Program Federal Agency without Prior GSA Approval	Program	156
ND5109PA	Transfer to DRMO for Further Disposal Processing	Program	156
ND5110PA	Transfer of Foreign Excess Property for Donation	Program	156

MODULE ID	MODULE NAME	TYPE	CCR#
ND5111PA	Donation to Public Bodies GSA Without	Program	156
	Prior GSA Approval		
ND5112PA	Transfer to GSA for Further Disposal	Program	156
	Processing		
ND5113PA	Donation Approved by GSA	Program	156
ND5116PA	Transfer to Other Without Prior GSA Approval	Program	156
ND5119PA	Exchange/Sale of Property	Program	156
ND5120PA	Donation Approved by GSA	Program	156

5.0 CCR 160 (Utilized By Generating NASA Center (T05))

The Equipment Control Number does not appear in the data furnished on the screen. This presents a problem with ensuring an accurate check against GSFC Form 20-38 to ensure ECNs are correct.

Description of Change

All Transfer and Donation screens were modified to include the ECN field.

Functional Impact

There is no functional impact as a result of this CCR.

Validation Procedures

 Access all Transfer and Donation screens and verify that the ECN field is present.

MODULE ID ND5105MA	MODULE NAME	<u>TYPE</u> Map	CCR# 160
ND5105PA	Utilized by Generating NASA Center	Program	160
ND5106PA	Utilized by Other NASA Center	Program	160
ND5107PA	Transfers for use of Other Federal Agency with Prior GSA Approval	Program	160
ND5108PA	Transfer for use of Other Federal Agency without Prior GSA Approval	Program	160
ND5109PA	Transfer to DRMO for Further Disposal Processing	Program	160
ND5110MA	· ·	Мар	160
ND5110PA	Transfer of Foreign Excess Property for Donation	Program	160
ND5111PA	Donation to Public Bodies Without Prior GSA Approval	Program	160
ND5112PA	Transfer to GSA for Further Disposal Processing	Program	160
ND5113PA	Donation Approved by GSA	Program	160
ND5116PA	Transfer to Other Without Prior GSA Approval	Program	160
ND5119PA	Exchange/Sale of Property	Program	160
ND5120PA	Donation Approved by GSA	Program	160

6.0 CCR 222 (Sales Prep Report)

- 1. Includes foreign cases intermingled with other cases.
- 2. GSA regions are not consolidated.
- 3. Contact field is pre-filled with reutilization specialist name.

Description of Change

Excludes foreign cases. Sorts by GSA region first. Contact field is removed.

Functional Impact

There is no functional impact as a result of this CCR.

Validation Procedures

- Validate that foreign cases are not included on the report.
- Validate that the cases are sorted by GSA region first.
- Validate that the contact field is not included on the report.

MODULE ID
NDR018PAMODULE NAME
Sales Prep ReportTYPE
ProgramCCR#
Program

7.0 CCR 223 (Sales Listing Report)

External portion has unnecessary fields. Internal portion has "upset price" field printing more than once.

Description of Change

"Property Location" line, "Property is" line, and "Reimbursement Code" field were removed from the External portion of the report. "Upset Price" field was moved near the Lot # and only prints once on the Internal portion of the report.

Functional Impact

There is no functional impact as a result of this CCR.

Validation Procedures

- Validate that the "upset price" field appears next to the lot number on the internal portion of the report only prints once.
- Validate that the "Property Location" line, "Property Is" line, and the Reimbursement Code" field no longer appear on the external portion of the report.

MODULE ID	MODULE NAME	<u>TYPE</u>	CCR#
NDR003MA		Мар	223
NDR003MD		Map	223
NDR003PA	Sales Listing Report Program	Program	223

8.0 CCR 243 (Reduce GSA Rejected Cases)

GSA rejects cases transmitted to them that do not contain "D" records. The "D" records contain descriptive information about the cases. The possible fields contained on a "D" record are Manufacturer data (Name, Serial Number, Model Number, Part Number, Year Manufactured), Property Description, Shelf Life data (Expiration date, Extension Data), Hazardous Materials Code, and Warehouse Location. Currently in NPDMS, one or more of these fields must be populated (not equal blank or None or Unknown) in order for a "D" record to be generated.

Description of Change

An edit was added to ensure that one of the following fields will be populated: Mfg's Name, Mfg Year, Model No., Part No., Serial No., Exp Date, Ext Date Haz Mat Code, and Item Desc.

Functional Impact

There is no functional impact as a result of this CCR.

Validation Procedures

 Validate that an error message is received when the following fields are not populated: Mfg's Name (or None or Unknown are entered), Mfg Year, Model No. (or None or Unknown are entered), Part No. (or None or Unknown are entered), Serial No., Exp Date, Ext Date Haz Mat Code, and Item Desc

MODULE ID **MODULE NAME TYPE** CCR# ND4110MA Map 243 On-Line Add ND4110PA Program 243 ND4110TB Text 243 ND4210PA **Change Process** Program 243

9.0 CCR 252 (Add two fields to GSA transfer process, GSA edits)

NPDMS electronically reports available property to GSA if GSA will perform any of the screening requirements or sale of NASA property. GSA has a consolidated method to screen all government property and receive and transmit electronic transfer data to and from Federal agencies. NPDMS does not have a central database for a single query of all available NASA property nor does NPDMS have a method for the electronic transfer of property between NASA installations or Federal agencies or eligible donees.

Description of Change

Two fields were added to the GSA transmission file on the A record. These fields are: Excess Release Date (positions 69-74) and GSA type code (position 75).

Functional Impact

There is no functional impact as a result of this CCR.

Validation Procedures

 Run the NDR110PA report and validate that the A records contain the Excess Release Date (pos. 69-74) and GSA Type Code (pos. 75) (Valid values S or D).

MODULE IDMODULE NAMETYPECCR#NDR110PAGSA Dataset GenerationProgram252

10.0 CCR 253 (NPDMS does not correctly report property location to GSA)

NPDMS currently only has one address contact name and telephone number in the Center Profile file which is used to default as values for two separate requirements "Reporting Agency" and "Property Location" information in the GSA electronic reporting process. In the majority of cases the Reporting Agency and Property Location information data should be different for NASA property. This results in incorrect data being transmitted to GSA or the need for extensive manual input during the Add process in NPDMS. The passing of this incorrect data to GSA results in NASA and other federal agencies not being able to fully use the electronic transfer features of FEDS/Screen and increases administrative cost to transfer excess property. For example the Reporting Agency data for MSFC should normally be the Property Disposal Officer, Pam Mefford's address, phone, etc., and Contractor Warehouse staff and Disposal Warehouse location address located several miles away from the PDO or at GSFC it could be Wallops or downstairs in bldg 16W.

Description of Change

A Reporting Agency (051) was added to populate the information on the GSA Reporting Data screen during the add process.

Functional Impact

There is no functional impact as a result of this CCR.

- Validate that the GSA Reporting Data is defaulted to the information from the Center Profile Table (050) when the Reporting Agency Table (051) is not populated.
- Validate that you can add and change information for the Reporting Agency Table (051).
- Validate that the GSA Reporting Data is defaulted to the information from the Reporting Agency Table (051) when there is data for the Reporting Agency Table.

MODULE ID	MODULE NAME	<u>TYPE</u>	CCR#
NDT051LA		LDA	253
NDN000XA	NPDMS Command Processor	Processor	253
ND3000PA	NPDMS Table File Selection	Program	253
ND3051MA		Мар	253

MODULE ID	MODULE NAME	<u>TYPE</u>	CCR#
ND3051PA	Reporting Agency Table Update	Program	253
ND3051TA		Help Map	253
ND4110PA	On-Line Add	Program	253
ND4110TB		Text	253

11.0 CCR 256 (Retention of Initiator Info during Continuous Add)

When entering information on ADDs from the same initiator, the data input personnel must rekey the initiator information. In most instances, this information would remain the same.

Description of Change

Changes were made so that if the RETAIN field contains a 'Y' that the Initiator's Information (Initiator's Name and Initiator's Phone) are retained.

Functional Impact

There is no functional impact as a result of this CCR.

- Validate that when RETAIN is set to 'Y' that the Initiator's Information (Initiator's Name and Initiator's Phone) are retained.
- Validate that when RETAIN is set to 'N' that the Initiator's Information (Initiator's Name and Initiator's Phone) are not retained.

MODULE ID	MODULE NAME	TYPE	CCR#
ND-GDA	NPDMS Global Data Area	GDA	256
ND4110PA	On-Line Add	Program	256
ND4110TB		Text	256
ND4210PA	Change Process	Program	256

12.0 CCR 286 (Create a Status Report for Cases Undergoing Donation Screening)

Management often requests a status report on how many cases are undergoing donation screening in the warehouse.

Description of Change

Report 190 (Status Report for Cases Undergoing Surplus Property Donation Screening) was created.

Functional Impact

There is no functional impact as a result of this CCR.

- Schedule report 190 to run for an Installation.
- Schedule report 190 to run for a Subinstallation.
- Verify that Installation data only reports on the report run for the Installation.
- Verify that Subinstallation data only reports on the report run for the Subinstallation.
- Verify that End of Report: contains the report name.

MODULE ID	MODULE NAME	<u>TYPE</u>	CCR#
NDR190MA		Мар	286
NDR190PA	Status Report for Cases Undergoing Surplus Property Donation Screening	Program	286

13.0 CCR 289 (Equipment Available for Other Federal Agencies)

Federal screeners request a listing of all equipment available to them.

Description of Change

Report 200 (Equipment Available for Other Federal Agencies) was created.

Functional Impact

There is no functional impact as a result of this CCR.

- Schedule report 200 to run for an Installation.
- Schedule report 200 to run for a Subinstallation.
- Verify that Installation data only reports on the report run for the Installation.
- Verify that Subinstallation data only reports on the report run for the Subinstallation.
- Verify that End of Report: contains the report name.

MODULE ID	MODULE NAME	TYPE	CCR#
NDR200MA		Map	289
NDR200PA	Equipment Available for Other Federal	Program	289
	Agencies		

14.0 CCR 292 (Catalog for Stevenson-Wydler Screeners)

Allows Stevenson-Wydler Screeners to easily identify equipment that is available to them.

Description of Change

Report 170 (Equipment Available Under the Stevenson-Wydler Act) was created.

Functional Impact

There is no functional impact as a result of this CCR.

Validation Procedures

- Schedule report 170 to run for an Installation.
- Schedule report 170 to run for a Subinstallation.
- Verify that Installation data only reports on the report run for the Installation.
- Verify that Subinstallation data only reports on the report run for the Subinstallation.
- Verify that End of Report: contains the report name.

MODULE ID
NDR170MAMODULE NAMETYPE
MapCCR#
MapNDR170PAEquipment Available Under the
Stevenson-Wydler ActProgram292

15.0 CCR 294 (Status Report for Cases Undergoing Federal Screening) CCR 295 (Status Report for Cases Undergoing NASA-Wide Screening)

Management often requests a status report on how many cases are undergoing Federal Screening in the Warehouse and how many cases are undergoing NASA screening in the warehouse.

Description of Change

Report 180 (Status Report for Cases Undergoing Other Federal Agency Screening and Status Report for Cases Undergoing NASA Wide Screening) was created.

Functional Impact

There is no functional impact as a result of this CCR.

- Schedule report 180 to run for an Installation.
- Schedule report 180 to run for a Subinstallation.
- Verify that Installation data only reports on the report run for the Installation.
- Verify that Subinstallation data only reports on the report run for the Subinstallation.
- Verify that End of Report: contains the report name for both parts of the report.

MODULE ID	MODULE NAME	<u>TYPE</u>	CCR#
NDR180MA		Мар	294
NDR180MB		Мар	295
NDR180PA	Status Code Report for Cases Undergoing	Program	294
	Other Federal Agency Screening		
NDR180PB	Status Report for Cases Undergoing NASA	Program	295
	Wide Screening		

16.0 CCR 299 (Sales Prep)

The current Sales Prep Report is too lengthy and cumbersome, there are fields in the program that can be enhanced to increase the effectiveness of preparing and lotting property for sale. Changes are required in order to support on-site sales. Display on separate screens only exchange sale items. Display on separate screens only no-exchange sale property.

Description of Change

The following fields were removed from the report: ECN, Tot Acq Cost, Serial No, Mfg Part No, Location - Building, Room, contact, and Phone.

Functional Impact

There is no functional impact as a result of this CCR.

Validation Procedures

 Validate that the following fields no longer appear on the report: ECN, Tot Acq Cost, Serial No, Mfg Part No, Location - Building, Room, contact, and Phone.

MODULE ID	MODULE NAME	<u>TYPE</u>	CCR#
NDR018MB		Мар	299
NDR018PA	Sales Prep Report	Program	299

17.0 CCR 304 (Error On Initiator's Organization Code)

For a controlled add the Initiator's Org Code is retrieved from NEMS. We are receiving Error Message 4012 Initiator's Organization Code must be 3 to 5 characters. Langley has a valid 2 position org code. We can even have a 1 position Org Code.

Description of Change

Edit was removed to check length of Organization code.

Functional Impact

There is no functional impact as a result of this CCR.

Validation Procedures

 Verify that an error is not received for an Initiator's Org Code with a length of 1 or 2.

MODULE ID
ND4110MAMODULE NAME
MapTYPE
MapCCR#
304

18.0 CCR 323 (Performance Measure Report capturing wrong Trans ID on the Transaction file.)

NDR023PB - Subroutine needs to be created that reads the Transaction History file instead of calling the ND-Transaction file twice.

Description of Change

Subroutine was added that reads the ND-TRANS-HIST file.

Functional Impact

There is no functional impact as a result of this CCR.

- Validate that for T12 transactions the DISP DATE should be populated with the Property Transaction Date from the Transaction History file.
- Validate that for T15 transactions the SOURCE DOCUMENT NUMBER should be populated with the Property Sale Contract Number from the Transaction History file.
- Validate that for T18 transactions the SOURCE DOCUMENT NUMBER should be populated with the Property Abandoned or Destroyed Document Number.

MODULE ID	MODULE NAME	<u>TYPE</u>	CCR#
NDR023PB	NPDMS Performance Measures Report	Program	323
	Detail Listing		

19.0 CCR 325 (Sales Listing Report is reporting garbage records at the end of the report section.)

Sales Listing Report is reporting garbage records at the end of the report section. The totals are correct, just listing last record in the buffer at the end of the file.

Description of Change

Code was corrected to not write the last record read in unless it falls within the report selection criteria.

Functional Impact

There is no functional impact as a result of this CCR.

Validation Procedures

 Validate that garbage or extra data does not print between the last record that meets the report criteria and the Total Cases for Sales Listing Report line.

MODULE ID
NDR003PAMODULE NAME
Sales Listing ReportTYPE
ProgramCCR#
Program

20.0 CCR 326 (Overage and Underage NEMS Inventory adjustments process assumed you could not have an overage and underage at the same time in an inventory adjustment)

When the inventory process has an overage in one account and have an underage in another account whether you use custodian or grid processing the system only looked for one condition if it was found the other condition was not addressed.

Description of Change

Code was corrected to check for both overage and underage conditions.

Functional Impact

There is no functional impact as a result of this CCR.

Validation Procedures

 Validate that if an ECN in NEMS has an overage and underage that the Reconciliation is correctly processed when the record is added in NPDMS.

MODULE IDMODULE NAMETYPECCR#NDXNEMPANPDMS/NEMS InterfaceProgram326

21.0 CCR 328 (Inefficient Natural Syntax using Find Descriptor Where Descriptor. This logic may cause the program to retrieve records outside the second descriptor range).

The find clause uses the first descriptor (inverted list) and the 'Where' clause will create another (inverted list). This code works but the retrieval provided by syntax retrieve all of the records within the first descriptor range. This code has caused large file retrieval problems where the buffer size is exceeded causing a Natural Error, and program abends.

Description of Change

Find statements were changed to FIND (Descriptor) AND (Descriptor).

Functional Impact

There is no functional impact as a result of this CCR.

Validation Procedures

Validate that program runs without abnormally terminating.

MODULE ID MODULE NAME
NDR008PA Property Held By the Property Disposal Officer Report

MODULE ID TYPE CCR#
Program 328

22.0 CCR 329 (Create a browse program to allow the user to request Case number information by inputting an ECN or DCN, in the ND CASE and ND-CASE-HISTORY).

Create four browse programs to extract information by ECN or DCN on the ND-CASE and ND-CASE-HISTORY files to list the ECN/DCN, Case Number assigned in NPDMS, the Date added to NPDMS, Item Number and Item Name.

Description of Change

Four new browse programs were created (ND-CASE Browse by ECN, ND-CASE Browse by DCN, ND-CASE-HISTORY by ECN, and ND-CASE-HISTORY by DCN).

Functional Impact

There is no functional impact as a result of this CCR.

Validation Procedures

- Validate that the NPDMS Main Menu option 8 is accessible.
- Validate that the Browse Case by ECN works.
- Validate that the Browse Case by DCN works.
- Validate that the Browse Case History by ECN works.
- Validate that the Browse Case History by DCN works.

MODULE ID MODULE NAME TYPE CCR# NDCMNDLA LDA 329 NDN000XA **NPDMS Command Processor** Processor 329 NDO000MB Map 329 NDO000PC Main Menu Program Program 329 NDXERRLA LDA 329 NDX100MA Map 329 NDX100PA Command Processor 329 Program ND8000MA Map 329 Program ND8000PA Browse Case / Case History 329 ND8000TA Help Map 329 Map ND8100MA 329 Browse ND-CASE by ECN Program ND8100PA 329 ND8200MA Map 329 Browse ND-CASE by DCN Program ND8200PA 329 Browse ND-CASE-HIST by ECN Program ND8300PA 329 Browse ND-CASE-HIST by DCN ND8400PA Program 329

23.0 CCR 332 (Entering a T04 transaction the date field is giving an invalid date comparison).

When entering Property Disposal Approval Date (02-20-97) and Property determined Lost Date (12-01-95) user received error message 5078 that says Date Determined Lost cannot be later than Disposal Approval Date.

Description of Change

The two fields in question were defined as A6 format. They are now being moved to fields with a D (date) format before the comparison is being made.

Functional Impact

There is no functional impact as a result of this CCR.

Validation Procedures

 Validate that when a Date Determined Lost with a month of October (10), November (11), or December (12) for any day, any year is compared to a Property Disposal Approval Date with a month of January - September (01 -09) that the error message 5078 is not received provided that the Property Disposal Approval Date is greater than the Date Determined Lost.

MODULE ID MODULE NAME TYPE CCR#
ND5104PA Survey Lost Personal Property (T04) Program 332

24.0 CCR 333 (NDR002PA - Pending GSA Acknowledgment Report does not report by subinstallation per request of user).

Investigate why subinstallation is not part of the report criteria.

Description of Change

Found that the ACCEPT statement that determines the subinstallation (and the other criteria) being reported was following the SORT statement instead of the READ statement. Moved the ACCEPT statement to follow the READ statement.

Functional Impact

There is no functional impact as a result of this CCR.

Validation Procedures

- Validate that only the records for the installation/subinstallation of the user submitting the job are being selected.
- Also validate that only records with a GSA Region Code, a GSA report date greater that 0 and less than the current date, and GSA Control Number equal blank are the only records being reported.

MODULE ID
NDR002PAMODULE NAME
Pending GSA AcknowledgmentTYPE
ProgramCCR#
Program

Appendix D - INSTALLATION INSTRUCTIONS AND CHECKLIST FOR NPDMS SOFTWARE RELEASE 1.5

Introduction

Release information:

System Name: NPDMS Release Number: 1.5

Release Date: July 1997 Effective Date: Immediately

In case of installation problems, contact the NASA Automated Data Processing (ADP) Consolidation Center (NACC) Technical Services Center (Use following Key Words: SESAAS & NPDMS)

Telephone: (205) 544-6673

Email: jim.crowell@msfc.nasa.gov

FAX: (205) 544-1836

The following datasets are located on the NASA Central Distribution Facility as NASA data sets.

- AIMS.NPDMS.PROD.REL150.REL0797.SRC
- AIMS.NPDMS.PROD.REL150.REL0797.DOC
- AIMS.NPDMS.PROD.REL150.REL0797.ERR
- AIMS.NPDMS.PROD.REL150.REL0797.NCP

Installation Sequence

The sequence in which the installation of this release should occur is provided in the following list. A checklist is provided in section 9.0 to assist in tracking the installation of this release.

- 1.0 Back Up Existing Data
- 2.0 Copy Source/Object Code
- 3.0 Pre-Predict Data Conversion
- 4.0 Install Predict
- 5.0 Catalog Source Code
- 6.0 Post-Predict Data Conversion
- 7.0 Perform Release-Specific Procedures
- 8.0 Local JCL Mods
- 9.0 Installation Checklist

1.0 Back Up Existing Data

It is advisable to back up all NPDMS files as a precautionary measure prior to installation.

2.0 Copy Source/Object Code

2.1 Copy Source Code

Load the NPDMS source library from dataset AIMS.NPDMS.PROD.REL150.REL0797.SRC. The source programs were unloaded using the Natural utility NATUNLD. The programs will be loaded to the application library NPDMS, replacing any existing programs of the same name. The source module counts included in this release are listed below:

Natural Source Modules by Type	Count
GLOBAL DATA AREA	1
LOCAL/PARAM DATA AREA	3
MAPS	38
HELP ROUTINES	0
SUBROUTINES	0
SUBPROGRAMS	0
PROGRAMS	64
COPYCODE	0
TEXT	1
PROCESS	0
MISCELLANEOUS OBJECTS	0
Total:	107

2.2 List of Source Code Modifications

The following are the modules added, modified and deleted.

Added Modules

 NDR170MA NDR170PA NDR180MA NDR180MB 	Equipment Available Under the Stevenson-Wydler Act
5. NDR180PA	Status Code Report for Cases Undergoing Other Federal Agency Screening
6. NDR180PB 7. NDR190MA	Status Report for Cases Undergoing NASA Wide Screening
8. NDR190PA	Status Report for Undergoing Surplus Property Donation Screening
9. NDR200MA	
10.NDR200PA	Equipment Available for Other Federal Agencies
11.NDT051LA	
12.ND3001MB	1 or 2 line Browse Map
13.ND3001PB	User Access Table Browse
14. ND3005MB	1 line with Display Browse Map
15. ND3005MC	Display GSA Region Table
16. ND3005PB	GSA Region Table Browse
17. ND3010MB	Display DRMO DODAAC Table
18.ND3010PB	DRMO DODAAC Table Browse
19. ND3015PB	Exception Processing Table
20. ND3020MB	Display Federal Supply Classification (FSC) Code Table
21.ND3020PB	Federal Supply Classification (FSC) Code Table Browse
22. ND3025PB	Unit of Measure Table Browse
23. ND3030MB	Display Supply Condition Code Table
24. ND3030PB	Supply Condition Code Table Browse
25. ND3035MB	Display Disposal Condition Code Table
26. ND3035PB	Disposal Condition Code Table Browse
27. ND3040PB	Performance Measures Standard Table Browse
28. ND3045MB	Display Demilitarization Code Table
29. ND3045PB	Demilitarization Code Table Browse
30. ND3050MC	Display Center Profile Table 1
31. ND3050MD	Display Center Profile Table 2
32. ND3050PB	Center Profile Table Browse
33. ND3051MA	Disales Benedias Assess Table
34. ND3051MB	Display Reporting Agency Table
35. ND3051PA	Reporting Agency Table Browns
36. ND3051PB	Reporting Agency Table Browse
37. ND3051TA	Help Map

38.ND3055MC	Display Report/Maintenance Selection Table	
39. ND3055MD	1 line with Display Browse Map	
40.ND3055PB	Report/Maintenance Selection Table Browse	
41.ND3060PB	Shelf Life Type I Table Browse	
42.ND3062PB	Shelf Life Type II Table Browse	
43. ND3065MB	Display Hazardous Code Table	
44. ND3065PB	Hazardous Materials Code Table Browse	
45. ND3070PB	Controlled Inventory Item Code Table Browse	
46.ND3075PB	ADPE Identification Code Table Browse	
47.ND3080PB	Precious Metals Code Table Browse	
48. ND3085PB	Material Management Aggregation Code Table Browse	
49. ND3090MB	Display DRMO Disposal Authority Code Table	
50. ND3090PB	DRMO Disposal Authority Code Table Browse	
51.ND3095MB	Display DRMO Additional Code Table	
52. ND3095PB	DRMO Additional Data Table Browse	
53. ND3105PB	Installation Code Table Browse	
54. ND3145PB	Printer Destination Table Browse	
55. ND3155PB	Screening Days Table Browse	
56. ND3160PB	Reimbursement Codes Browse	
57. ND3165MB	Display Hazardous Materials Indicator Codes Table	
58. ND3165PB	Hazardous Materials Indicator Codes Table Browse	
59. ND8000MA		
60.ND8000PA	Browse Case / Case History	
61.ND8000TA		
62. ND8100MA		
63. ND8100PA	Browse ND-CASE by ECN	
64. ND8200MA		
65. ND8200PA	Browse ND-CASE by DCN	
66. ND8300PA	Browse ND-CASE-HIST by ECN	
67.ND8400PA	Browse ND-CASE-HIST by DCN	

Changed Modules

1.	ND-GDA	NPDMS Global Data Area
2.	NDCMNDLA	
3.	NDO000MB	
4.	NDO000PA	Startup Program
5.	NDO000PC	Main Menu Program
6.	NDR002PA	Pending GSA Acknowledgment
7.	NDR003MA	
8.	NDR003MD	
9.	NDR003PA	Sales Listing Report
10	.NDR008PA	Property Held By the Property Disposal Officer Report
11	.NDR018MB	
12	.NDR018PA	Sales Prep Report

13.NDR023PB	NPDMS Performance Measures Report Detail Listing
14.NDR110PA	GSA Dataset Generation
15.NDXERRLA	
16. NDXNEMPA	NPDMS/NEMS Interface
17. NDX100MA	
18.NDX100PA	Command Processor
19. ND3000MA	Table File Update Menu Map
20.ND3000PA	NPDMS Table File Selection
21.ND3000TA	Help Map
22.ND4110MA	
23. ND4110PA	On-Line Add
24.ND4110TB	
25.ND4210PA	Change Process
26. ND5104PA	Survey Lost Personal Property (T04)
27. ND5105MA	
28. ND5105PA	Utilized by Generating NASA Center
29. ND5106PA	Utilized by Other NASA Center
30. ND5107PA	Transfers for use of Other Federal Agency with Prior GSA
	Approval
31.ND5108PA	Transfer for use of Other Federal Agency without Prior GSA Approval
32.ND5109PA	Transfer to DRMO for Further Disposal Processing
33. ND5110MA	
34.ND5110PA	Transfer of Foreign Excess Property for Donation
35. ND5111PA	Donation to Public Bodies Without Prior GSA Approval
36. ND5112PA	Transfer to GSA for Further Disposal Processing
37. ND5113PA	Donation Approved by GSA
38.ND5116PA	Transfer to Other Without Prior GSA Approval
39. ND5119PA	Exchange/Sale of Property
40.ND5120PA	Donation Approved by GSA

Deleted Modules

There are no modules deleted with this release.

3.0 Pre-Predict Data Conversion

Not applicable with this release.

4.0 Install Predict

Not applicable with this release.

5.0 Catalog Source Code

Run a batch job to catalog (CATALL) all modules in the NPDMS or other named library. The Global module, ND-GDA, **MUST** be cataloged. The NASA Batch standard parameters should be used for the compile.

After all objects are compiled, the NPDMS application will run under the NASA On-line standard parameter.

6.0 Post-Predict Data Conversion

There is no post-Predict data conversion required.

7.0 Perform Release-Specific Procedures

7.1 Load Natural Error Messages

Load error messages from the NASA Distribution data set AIMS.NPDMS.PROD.REL150.REL0797.ERR, using the NATURAL SYSERR utility ERRLODUS. This release contains 792 error messages, which will load to the library NPDMS. For additional information concerning SYSERR, refer to the NATURAL 2 Administrator's Manual.

7.2 Load Natural Command Processor

Load Natural Command Processor from the NASA Distribution data set AIMS.NPDMS.PROD.REL150.REL0797.NCP. Both the source and object code for NDN000XA are provided in this data set. Command processor will load to the NPDMS library.

NDN000XA NPDMS Command Processor

Natural Object Modules by Type	objects
GLOBAL DATA AREA	0
LOCAL/PARAM DATA AREA	0
MAPS	0
HELP ROUTINES	0
SUBROUTINES	0
SUBPROGRAMS	0
PROGRAMS	0
COPYCODE	0
TEXT	0
COMMAND PROCESSOR	1
MISCELLANEOUS OBJECTS	1
Total:	2

8.0 Local JCL Mods

The following changes should be made to the source JCL. The updated JCL should then be loaded into the NPDMS ND-TABLE file (JCL Table 140) using the utility program NDU140PA executed in batch. The following is an example of the JCL that will be needed to run the NDR170PA, NDR180PA, NDR190PA, and NDR200PA reports and should be modified to meet each Center's standard.

The following 8 lines should be added after 140R160PA1002//**** NDR160PA *****:

```
140R170PA1001//*
140R170PA1002//***** NDR170PA *****
140R180PA1001//*
140R180PA1002//***** NDR180PA *****
140R190PA1001//*
140R190PA1002//***** NDR190PA *****
140R200PA1001//*
140R200PA1002//***** NDR200PA *****
```

The following line should be added after

140R180PA2001//CMPRT03 DD SYSOUT=(,),OUTPUT=(*.#DEST#),COPIES=#COPIES#

After the JCL has been added, NPDMS ND-TABLE file 055 (Report/Maintenance Selection Table) should be modified to include the new NDR170PA, NDR180PA, NDR190PA, and NDR200PA reports. From the Main Menu Select Option 3 - Tables. On the Table File Update Menu Enter Table ID: 055 and Enter Selection: A (Add). On the RPT/MAINT SELECTION TABLE - 055 screen the following information should be entered to add the new reports:

Job Type Determination: **R**Report/Maintenance Job No: **170**Report Execution Sequence No: **100**

Description: EQUIPMENT AVAILABLE UNDER THE STEVENSON-WYDLER ACT FOR REGION

Start Date: End Date:

Job Type Determination: **R**Report/Maintenance Job No: **180**Report Execution Sequence No: **100**

Description: STATUS REPORT FOR CASES UNDERGOING OTHER FEDERAL AGENCY SCREENING

Start Date: End Date:

Job Type Determination: R

Report/Maintenance Job No: **190**Report Execution Sequence No: **100**

Description: STATUS REPORT FOR CASES UNDERGOING SURPLUS PROPERTY DONATION SCRE

Start Date: End Date:

Job Type Determination: R

Report/Maintenance Job No: **200**Report Execution Sequence No: **100**

Description: EQUIPMENT AVAILABLE FOR FEDERAL AGENCIES - BY REGION

Start Date: End Date:

9.0 Installation Checklist

- 1.0 Back Up Existing Data
- 2.1 Copy Source Code
- 5.0 Catalog Source Code
- 7.0 Perform Release-Specific Procedures
- 8.0 Local JCL Mods